

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001832

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A47C 27/06, B68G 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A47C, B68G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## EPO-INTERNAL, WPI DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 20215963 U1 (SCHRAMM WERKSTÄTTEN GMBH), 26 June 2003 (26.06.2003), page 4, line 9 - line 11, figure 2, claims 3-5 —	1,3-11, 13-17,19-23
P,X	EP 1410744 A1 (SCHRAMM WERKSTÄTTEN GMBH), 21 April 2004 (21.04.2004), figure 2, abstract, detail 9 —	1,3-11, 13-17,19-23
A	US 5319815 A (STUMPF ET AL), 14 June 1994 (14.06.1994), figures —	1-23
A	US 5699998 A (ZYSMAN), 23 December 1997 (23.12.1997), figures —	1-23

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
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"O"	document referring to an oral disclosure, see, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

8 March 2005

Date of mailing of the international search report

11-03-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2615180 A (E.E. WOLLER), 28 October 1952 (28.10.1952), figures --	1-23
A	DE 3738274 A1 (SCHLARAFFIA-WERKE HUSER GMBH & CO KG), 24 May 1989 (24.05.1989), figures --	1-23
A	WO 0244077 A1 (STJERNFJADRAR AB), 6 June 2002 (06.06.2002), figure 1, claims 3-11, abstract, cited in the application -- -----	1-23

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DE	20215963	U1	26/06/2003	EP	1410744	A	21/04/2004
EP	1410744	A1	21/04/2004	DE	20215963	U	22/05/2003
US	5319815	A	14/06/1994	AT	106687	T	15/06/1994
				AT	207190	A	15/01/1992
				AT	394938	B	27/07/1992
				AU	645833	B	27/01/1994
				AU	8326691	A	17/03/1992
				CA	2089485	A,C	23/02/1992
				CH	681773	A	28/05/1993
				DE	4026502	C	06/06/1991
				DE	4040220	A	17/06/1992
				DE	4042304	A	02/07/1992
				DE	59101895	D	00/00/0000
				DK	545956	T	22/08/1994
				EP	0545956	A,B	16/06/1993
				SE	0545956	T3	
				ES	2055612	T	16/08/1994
				JP	2981685	B	22/11/1999
				JP	6500027	T	06/01/1994
				WO	9203077	A	05/03/1992
				AT	126616	T	15/09/1995
				DE	9100665	U	16/07/1992
				DE	59203300	D	00/00/0000
				EP	0568572	A,B	10/11/1993
				WO	9213318	A	06/08/1992
US	5699998	A	23/12/1997	AU	5968194	A	29/08/1994
				CA	2155212	A,C	18/08/1994
				DE	69419603	D,T	10/02/2000
				DK	694024	T	28/02/2000
				EP	0694024	A,B	31/01/1996
				SE	0694024	T3	
				AU	4978893	A	12/04/1994
				AU	6066098	A	18/06/1998
				EP	0659290	A	28/06/1995
				ES	2136728	T	01/12/1999
				GB	9301927	D	00/00/0000
				NZ	261095	A	24/04/1997
				WO	9418116	A	18/08/1994
US	2615180	A	28/10/1952				
DE	3738274	A1	24/05/1989				

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